

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| S1 | 4 | "4403257".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 11:09 |
| S2 | 18 | ((distinguish\$5 or determin\$3 or choos\$3 or pick\$3) same ((half adj tone) and (non near2 half adj tone))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 21:36 |
| S3 | 5 | (((distinguish\$5 or determin\$3 or choos\$3 or pick\$3) same ((half adj tone) and (non near2 half adj tone)))) and (edge near2 detect\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/28 09:09 |
| S4 | 27087 | (edge adj (detect\$4 or determ\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:28 |
| S5 | 0 | ((edge adj (detect\$4 or determ\$4)) and ((pre adj predetermin\$3) near4 (algorithm or equation or formula))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:36 |
| S6 | 9 | ((edge adj (detect\$4 or determ\$4)) and ((pre adj determin\$3) near4 (algorithm or equation or formula))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:37 |
| S7 | 0 | (((edge adj (detect\$4 or determ\$4)) and ((pre adj determin\$3) near4 (algorithm or equation or formula))) and ((half adj tone) near4 (pixel))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:37 |
| S8 | 0 | (((edge adj (detect\$4 or determ\$4)) and ((pre adj determin\$3) near4 (algorithm or equation or formula))) and (half adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:37 |
| S9 | 282 | ((edge adj (detect\$4 or determ\$4)) and (half adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:37 |

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| S10 | 0 | (((edge adj (detect\$4 or determ\$4)) and (half adj tone)) and ((pre adj determin\$3) near4 (algorithm or equation or formula)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:37 |
| S11 | 0 | (((edge adj (detect\$4 or determ\$4)) and (half adj tone)) and ((pre adj determin\$3) near4 (algorithm))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:38 |
| S12 | 87 | (((edge adj (detect\$4 or determ\$4)) and (half adj tone)) and (algorithm)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:38 |
| S13 | 68 | (((edge adj (detect\$4 or determ\$4)) and (half adj tone)) and (algorithm)) and predetermin\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:38 |
| S14 | 7 | (((edge adj (detect\$4 or determ\$4)) and (half adj tone)) and (predetermin\$4) adj (algorithm)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:54 |
| S15 | 3948 | (predetermin\$4) adj (density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:55 |
| S16 | 121 | ((edge adj (detect\$4 or determ\$4)) and (predetermin\$4) adj (density)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:55 |
| S17 | 0 | (((edge adj (detect\$4 or determ\$4)) and (predetermin\$4) adj (density))) and (((edge adj (detect\$4 or determ\$4)) and (half adj tone)) and (predetermin\$4) adj (algorithm))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:56 |
| S18 | 13 | (((edge adj (detect\$4 or determ\$4)) and (predetermin\$4) adj (density))) and (((edge adj (detect\$4 or determ\$4)) and (half adj tone))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 15:56 |
| S19 | 9 | ((distinguish\$5 or determin\$3 or choos\$3 or pick\$3) near7 ((half adj tone) and (non near2 half adj tone))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/10/30 21:36 |

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|-----|-------|--|---|----|----|------------------|
| S20 | 2 | "5339172".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 08:52 |
| S21 | 2 | "5392365".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:30 |
| S22 | 45836 | ((threshold or limit or level) near4 density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:32 |
| S23 | 2054 | ((((threshold or limit or level) near4 density)) and halftone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:32 |
| S24 | 157 | (((threshold or limit or level) near4 density)) and halftone) and (edge adj (detect\$5 or determin\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:34 |
| S25 | 2 | ((((threshold or limit or level) near4 density)) and halftone) and (edge adj (detect\$5 or determin\$4)) and redetermin\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:35 |
| S26 | 157 | (((threshold or limit or level) near4 density)) and (((((threshold or limit or level) near4 density)) and halftone) and (edge adj (detect\$5 or determin\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:36 |
| S27 | 157 | ((((threshold or limit or level) near4 density)) and (((((threshold or limit or level) near4 density)) and halftone) and (edge adj (detect\$5 or determin\$4)))) and (((threshold or limit or level) near4 density)) and halftone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/01 11:36 |
| S28 | 16816 | ((threshold or limit) near4 density) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 13:21 |
| S29 | 396 | (((threshold or limit) near4 density)) and (edge adj (detect\$4 or determin\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 13:23 |

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| S30 | 8 | (((threshold or limit) near4 density) and (edge adj (detect\$4 or determin\$4))) and ((determin\$4) near5 (half adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 13:36 |
| S31 | 2 | "6435643".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/02 13:36 |
| S32 | 0 | 02-105271 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:11 |
| S33 | 34410 | kaoru.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:12 |
| S34 | 80 | kaoru.in. and halftone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:12 |
| S35 | 1 | (kaoru.in. and halftone) and edge adj detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:13 |
| S36 | 35189 | imao kaoru.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:12 |
| S37 | 111 | (imao kaoru.in.) and halftone | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:12 |
| S38 | 7 | ((imao kaoru.in.) and halftone) and edge adj detect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 10:13 |
| S39 | 6492 | stencil adj print\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:06 |

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| S40 | 3 | (stencil adj print\$3) and ((determin\$4 or detect\$4) near4 (half adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:13 |
| S41 | 108 | (stencil adj print\$3) and ((determin\$4 or detect\$4) near4 (edge)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:18 |
| S42 | 2 | ((stencil adj print\$3) and ((determin\$4 or detect\$4) near4 (edge))) and ((determin\$4 or detect\$4) near4 (half adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:18 |
| S43 | 591 | ((determin\$4 or detect\$4) near4 (half adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:18 |
| S44 | 94 | (((determin\$4 or detect\$4) near4 (half adj tone))) and ((determin\$4 or detect\$4) near4 (edge)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:19 |
| S45 | 18 | ((((determin\$4 or detect\$4) near4 (half adj tone))) and ((determin\$4 or detect\$4) near4 (edge))) and ((threshold or limit or mark or limit) near5 (density)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/08 11:21 |
| S46 | 6404 | ((edge near2 (detect\$4 or judg\$4 or determin\$4)) same pixel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:16 |
| S47 | 15 | S46 and ((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 ((halftone or (non adj1 halftone)) same (algorithm or equation or formula or comput\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:17 |
| S48 | 39 | S46 and (((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 (halftone or (non adj1 halftone))) same (algorithm or equation or formula or comput\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:17 |
| S49 | 61300 | (edge near2 (detect\$4 or judg\$4 or determin\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:16 |

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| S50 | 25 | S49 and ((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 ((halftone or (non adj1 halftone)) same (algorithm or equation or formula or comput\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:17 |
| S51 | 56 | S49 and (((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 (halftone or (non adj1 halftone))) same (algorithm or equation or formula or comput\$4))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:53 |
| S52 | 237 | S49 and ((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 (halftone or (non adj1 halftone))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/14 13:50 |
| S53 | 181 | S52 not S51 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:54 |
| S54 | 33 | S53 and (density near3 (threshold or limit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/07 16:54 |
| S55 | 2 | "5239390".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 18:20 |
| S56 | 2 | "5258849".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/13 18:21 |
| S57 | 2170 | ((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 (halftone or (non adj1 halftone))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/14 13:50 |
| S58 | 27 | ((determin\$4 or select\$4 or judg\$4 or determin\$4) near5 (halftone and (non adj1 halftone))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/14 13:50 |
| S59 | 2 | "6052484" pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/20 11:11 |

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| S60 | 2 | "5825937".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/20 11:13 |
| S61 | 2 | "5539866".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/20 11:14 |
| S62 | 2 | "6137907".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/20 11:14 |
| S63 | 2637 | ((determin\$4 or calculat\$4 or detect\$4 or distinguish\$4) near4 (edge near2 pixel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 11:11 |
| S64 | 26 | S63 and ((determin\$4 or calculat\$4 or detect\$4 or distinguish\$4) near4 ((halftone or (non adj1 halftone)) near2 pixel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 11:13 |
| S65 | 10 | S63 and ((determin\$4 or calculat\$4 or detect\$4 or distinguish\$4) near4 ((halftone and (non adj1 halftone)) near2 pixel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 11:13 |
| S66 | 14 | S64 and density | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 11:14 |
| S67 | 2637 | ((determin\$4 or calculat\$4 or detect\$4 or distinguish\$4) near4 (edge near2 pixel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:51 |
| S68 | 10 | S67 and ((determin\$4 or calculat\$4 or detect\$4 or distinguish\$4) near4 ((halftone and (non adj1 halftone)) near2 pixel)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 15:37 |
| S69 | 7 | S68 and density | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 14:51 |

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| S70 | 178 | m adj1 gradation\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 15:37 |
| S71 | 59 | S70 and n adj1 gradation\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 15:38 |
| S72 | 8 | S71 and ((predetermin\$4 or (pre adj1 determin\$4)) near2 gradation\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 15:38 |
| S73 | 5 | S72 and density | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 15:39 |